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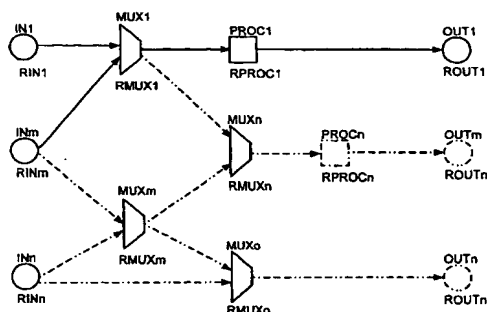
(54) Title: A METHOD FOR DATA FLOW CONTROL IN A PACKET DATA TRANSMISSION SYSTEM AND A DEVICE FOR DATA FLOW CONTROL IN A PACKET DATA TRANSMISSION SYSTEM

(57) Abstract: The objects of the invention are a method for control of data flow in a packet data transmission and a device for control of data flow in a packet data transmission, both being applicable for example in systems of data transmission in formats used in digital television. The method according to the invention is based on the fact that to a data processing device, comprising a network of nodes in the form of input nodes (IN1 - INn), output nodes (OUT1 - OUTn) and intermediate nodes such as data processing nodes (PROC1 - PROCn) or multiplexers (MUX1 - MUXo), the nodes being connected as a free-defined structure, signals are supplied to input nodes (IN1 - INn) and from the data packets retrieved from these nodes (IN1 - INn) transmission units are created. Whenever a packet is available at the node input (MUX1 - MUXo, PROC1 - PROCn, OUT1 - OUTn), a check is made whether the general rules (R) apply to a given unit and in case of a positive result of this check, the commands, determined by these rules, are executed and then a check is made whether the input rules apply to a given unit. If they do, the commands, determined by these rules, are executed and then the node function is preformed (IN1 - INn, MUX1 - MUXo, PROC1 - PROCn, OUT1 - OUT1n), followed by a check if the output rules apply to a give unit. In the output nodes (OUT1 - OUTn) the packets are extracted from transmission units. The method according to the invention is performed by a device disclosed in the application.